E346-1

FIBER ORGANON

Volume 62, No. 4 ☐ April 1991

A publication of *Fiber Economics Bureau, Inc.*

Highlights

- Imports for Consumption of Silk, Linen, Jute, Sisal and Other Fibers...see page 67.
- U.S. Domestic Consumption of Products Including Other Fibers...begins on page 68.
- Quarterly U.S. Imports, Exports & Balance of Manufactured Fiber, Cotton & Wool Manufactures...see page 70.

SHIPMENTS:

In March, total manufactured fiber shipments reached 667 million pounds, 6% above the 628 million pounds shipped in February and 9% below the 729 million pounds shipped in March 1990.

March shipments of synthetic (noncellulosic) filament yarn rose 4% to 325 million pounds and staple+tow rose 7% to 304 million pounds.

Contributing to the increase in shipments over the previous month were rayon staple+tow up 36% or 6 million pounds, nylon staple+tow up 17% or 9 million pounds and nylon carpet yarn up 9 million pounds or 17%.

Year-to-date domestic shipments of manufactured fiber are down 9% and exports are up 19%.

TABLE 1:
TOTAL U.S. MANUFACTURED FIBER SHIPMENTS
MILLION POUNDS & *PERCENT CHANGE*

ITEM	1991 MAR	1991 FEB	% CHG 3/91 - 2/91	1990 MAR	% CHG 3/91 - 3/90	YEAR TO DATE 1991	YEAR TO DATE 1990	% CHG YTD 1991 - 1990
ARTIFICIAL (CELLULOSIC)								
YARN	16.2	16.4	*-1.2*	17.4	*-6.9*	47.4	47.9	*-1.0*
RAYON STAPLE	22.1	16.2	*+36.4*	26.3	*-16.0*	58.7	81.7	*-28.2*
TOTAL ARTIFICIAL (CELL.)	**38.3**	**32.6**	***+17.5***	**43.7**	***-12.4***	**106.1**	**129.6**	***-18.1***
SYNTHETIC (NONCELL.)								
YARN+MONOFILAMENT								
NYLON - INDUSTRIAL	26.5	28.1	*-5.7*	28.4	*-6.7*	83.8	83.6	*+0.2*
- CARPET	63.8	54.5	*+17.1*	82.2	*-22.4*	187.7	249.8	*-24.9*
- TEXTILE [a]	28.7	30.2	*-5.0*	29.9	*-4.0*	93.3	87.0	*+7.2*
POLYESTER - INDUSTRIAL	26.4	26.9	*-1.9*	31.8	*-17.0*	78.2	87.6	*-10.7*
- TEXTILE [a]	64.4	61.5	*+4.7*	58.0	*+11.0*	193.8	170.8	*+13.5*
OLEFIN	115.0	110.1	*+4.5*	116.7	*-1.5*	334.3	340.4	*-1.8*
TOTAL YARN	**324.8**	**311.3**	***+4.3***	**347.0**	***-6.4***	**971.1**	**1019.2**	***-4.7***
STAPLE+TOW+FIBERFILL								
NYLON	64.1	54.7	*+17.2*	86.0	*-25.5*	185.6	249.7	*-25.7*
ACRYLIC+MODACRYLIC	35.5	34.8	*+2.0*	43.2	*-17.8*	106.8	123.3	*-13.4*
POLYESTER	166.1	159.6	*+4.1*	173.3	*-4.2*	494.4	517.9	*-4.5*
OLEFIN	38.1	34.5	*+10.4*	35.3	*+7.9*	110.9	100.0	*+10.9*
TOTAL STAPLE	**303.8**	**283.6**	***+7.1***	**337.8**	***-10.1***	**897.7**	**990.9**	***-9.4***
TOTAL SYNTHETIC (NONCELL.)	**628.6**	**594.9**	***+5.7***	**684.8**	***-8.2***	**1868.8**	**2010.1**	***-7.0***
TOTAL MANUFACTURED FIBER	**666.9**	**627.5**	***+6.3***	**728.5**	***-8.5***	**1974.9**	**2139.7**	***-7.7***
TOTAL SHIPMENTS DIVIDED AS -								
DOMESTIC SHIPMENTS [b]	621.6	582.8	*+6.7*	687.0	*-9.5*	1840.5	2026.3	*-9.2*
EXPORTS [c]	45.3	44.7	*+1.3*	41.5	*+9.2*	134.4	113.4	*+18.5*

a. Includes low denier industrial yarn.
b. Includes olefin exports.
c. Excludes olefin exports.

Fiber Organon

A Monthly Review

April 1991

CONTENTS

Features

Other Imports for Consumption 67 - 69

Other Fiber Imports for Consumption Detail 67
U.S. Mill Consumption of Fiber and Domestic Consumption of Products Including Other Fibers 68 - 69

Quarterly U.S. Imports, Exports & Balance of Manufactured Fiber, Cotton & Wool Manufactures 70

Industry Regulars

Total U.S. Manufactured Fiber Shipments 65

Monthly U.S. Manufactured Fiber Data 71 - 73

Imports by Country of Origin 71
Imports by Fiber 72
Exports by Fiber 73

Selected U.S. Monthly Fiber Data 74

FIBER ECONOMICS BUREAU, INC.
Rosemarie D. Frick
President & Editor

Publishing Headquarters:
Fiber Economics Bureau, Inc.
101 Eisenhower Parkway
Roseland, NJ 07068
U.S.A.
Telephone: (201) 228-1107
Facsimile: (201) 228-7598

ISSN 0040-5132

Copyright © 1991
Fiber Economics Bureau, Inc.

FIBER ORGANON is published monthly. All rights reserved. This booklet may be reproduced in part if credit is given.

Subscription Rates -
(payable in U.S. dollars with order):

ITEM	U.S.A.	OTHER
Annually (1 year only)	300.00	400.00
Schools & Nonprofit	150.00	400.00
Single Issues:		
May	100.00	150.00
June	200.00	250.00
September	150.00	200.00
December	100.00	150.00
All Others	50.00	75.00

Issues are sent by 1st class mail to U.S. subscribers and by airmail to foreign subscribers.

TABLE 2:
IMPORTS FOR CONSUMPTION
MILLION POUNDS

YEAR	SILK				LINEN				JUTE				SISAL & OTHERS				TOTAL IMP TO THE LEFT
	RAW MATL	SEMI-MFRD	FIN-ISHED	TOTAL	RAW MATL	SEMI-MFRD	FIN-ISHED	TOTAL	RAW MATL	SEMI-MFRD	FIN-ISHED	TOTAL	RAW MATL	SEMI-MFRD	FIN-ISHED	TOTAL	
1976	2.8	1.4	1.3	5.5	0.9	4.8	34.3	40.0	46.2	583.3	60.9	690.4	102.2	7.6	271.3	381.1	1117.0
1977	1.6	2.0	1.8	5.4	0.4	3.4	35.2	39.0	26.7	597.9	29.2	653.8	115.9	3.7	253.6	373.2	1071.4
1978	2.0	3.6	3.5	9.1	1.0	5.2	36.2	42.4	37.6	588.6	38.2	664.4	127.8	8.4	234.0	370.2	1086.1
1979	1.5	2.8	3.9	8.2	0.9	5.1	30.4	36.4	48.5	488.8	13.5	550.8	117.0	4.7	304.8	426.5	1021.9
1980	1.0	3.1	4.4	8.5	0.6	2.9	27.7	31.2	20.9	380.4	13.6	414.9	104.6	5.6	242.2	352.4	807.0
1981	1.9	4.6	1.2	7.7	2.9	2.2	22.2	27.3	34.5	370.4	8.4	413.3	89.8	31.8	224.8	346.4	794.7
1982	2.0	4.2	1.2	7.4	7.8	1.5	20.0	29.3	35.2	268.5	5.8	309.5	85.0	30.0	187.2	302.2	648.4
1983	1.6	6.1	1.4	9.1	3.8	2.3	a	6.1	30.4	297.8	6.6	334.8	70.7	29.5	240.1	340.3	690.3
1984	1.4	7.0	2.3	10.7	4.8	3.2	a	8.0	20.0	261.8	4.8	286.6	69.5	41.4	263.9	374.8	680.1
1985	1.5	6.4	2.3	10.2	3.0	1.3	a	4.3	32.6	201.2	7.2	241.0	66.5	33.8	291.1	391.4	646.9
1986	1.0	6.9	2.4	10.3	3.0	1.7	a	4.7	30.4	230.5	6.9	267.8	68.9	27.1	203.6	299.6	582.4
1987	1.4	8.2	1.6	11.2	2.7	1.5	a	4.2	31.5	247.4	6.4	285.3	69.2	27.1	206.5	302.8	603.5
1988	0.9	8.0	2.2	11.1	3.4	1.5	a	4.9	29.3	175.6	8.0	212.9	50.2	21.2	210.7	282.1	511.0
1989 [b]	1.1	8.8	1.3	11.2	3.6	1.8	a	5.4	15.1	156.1	6.1	177.3	65.6	18.1	199.8	283.5	477.4
1990 [b]	0.7	10.5	0.7	11.9	3.5	2.2	a	5.7	8.7	206.7	10.5	225.9	67.1	20.7	219.9	307.7	551.2

SOURCE: U.S. Dept. of Commerce, Office of Textiles & Apparel.

a. Due to changes in the tariff classifications, Linen Finished Goods are included in Sisal & Others Finished Goods.

b. These figures are preliminary for 1989 & 1990.
Because these fibers are not grown in the United States (flax production is nominal), imports are taken as the total available supply.

SILK: **Raw material** means raw silk plus silk waste & noils. **Semimanufactured** means spun & thrown silk yarns and silk fabrics. **Finished goods** are mainly scarves, handkerchiefs, blouses and laces.

LINEN: **Raw material** includes hackled and unhackled flax, noils, tow & straw. **Semimanufactured** includes linen yarn, sliver & roving. **Finished goods** are mainly fabrics, handkerchiefs, toweling, napery & dresses.

JUTE: **Raw material** includes unmanufactured jute and jute butts. **Semimanufactured** means yarn & roving, new & waste bagging and burlap in the piece. **Finished goods** are mainly cordage, bags and webbing.

SISAL & OTHERS: Includes all of the *hard or leaf fibers* (e.g., abaca or manila hemp, coir, crin, henequen, istle or tampico, sisal, etc.) **imported** into the United States plus the *soft or bast fibers* (e.g., hemp, ramie, sunn, etc.) except flax or linen and jute, which are tabulated separately here. **Semimanufactured** is chiefly coir yarns & roving. **Finished goods** are mainly cordage and twine.

TABLE 3:
U.S. MILL CONSUMPTION OF FIBER AND DOMESTIC CONSUMPTION OF PRODUCTS INCLUDING OTHER FIBERS
MILLION POUNDS & *PERCENT*

	MANUFACTURED FIBER MILL CONSUMPTION=PRODUCERS' SHIPMENTS (DOM) PLUS IMPORTS FOR CONSUMPTION (IMP)																				
	ARTIFICIAL (CELLULOSIC) FIBER											SYNTHETIC (NONCELLULOSIC) FIBER									
	YARN+MONOFIL			STAPLE+TOW			WASTE					YARN+MONOFIL			STAPLE+TOW			WASTE				
YEAR	DOM	IMP	TOTAL	DOM	IMP	TOTAL	SHIP	IMP	EXP	NET	TOTAL	DOM	IMP	TOTAL	DOM	IMP	TOTAL	SHIP	IMP	EXP	NET	TOTAL
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)
1976	314.5	25.1	339.6	472.0	43.2	515.2	14.7	0.4	14.6	0.5	855.3	3147.2	64.0	3211.2	3018.5	67.3	3085.8	262.3	30.5	70.2	222.6	6519.6
1977	327.5	23.5	351.0	452.9	57.8	510.7	18.5	0.6	12.6	6.5	868.2	3461.4	92.5	3553.9	3373.1	52.9	3426.0	291.0	23.2	66.1	248.1	7228.0
1978	337.6	25.7	363.3	466.2	41.1	507.3	15.7	0.4	7.0	9.1	879.7	3641.9	52.2	3694.1	3505.5	60.5	3566.0	263.9	26.0	88.7	201.2	7461.3
1979	343.4	13.3	356.7	449.4	16.5	465.9	17.2	0.8	9.6	8.4	831.0	3797.6	20.0	3817.6	3713.5	39.3	3752.8	238.6	21.1	137.7	122.0	7692.4
1980	316.7	8.3	325.0	397.7	10.3	408.0	13.5	0.3	6.1	7.7	740.7	3532.0	19.6	3551.6	3482.5	35.6	3518.1	170.2	21.5	116.4	75.3	7145.0
1981	272.9	10.7	283.6	400.9	16.8	417.7	15.3	0.5	2.8	13.0	714.3	3483.1	18.9	3502.0	3327.9	60.5	3388.4	174.2	49.9	107.3	116.8	7007.2
1982	199.1	7.0	206.1	294.7	13.4	308.1	10.7	0.4	3.2	7.9	522.1	2893.9	23.8	2917.7	3037.6	51.2	3088.8	173.2	37.8	86.1	124.9	6131.4
1983	233.1	8.7	241.8	334.9	13.6	348.5	9.4	0.3	1.4	8.3	598.6	3385.4	48.3	3433.7	3671.9	101.4	3773.3	214.1	46.1	71.3	188.9	7395.9
1984	218.3	10.0	228.3	332.3	17.0	349.3	11.4	0.5	1.6	10.3	587.9	3308.6	90.0	3398.6	3494.2	131.1	3625.3	216.9	50.5	89.7	177.7	7201.6
1985	187.1	13.9	201.0	324.2	12.3	336.5	8.8	0.5	1.2	8.1	545.6	3559.2	104.6	3663.8	3441.4	159.4	3600.8	260.2	40.7	75.6	225.3	7489.9
1986	192.1	17.0	209.1	373.5	17.4	390.9	10.4	0.1	2.2	8.3	608.3	3621.2	126.1	3747.3	3737.4	182.8	3920.2	261.5	40.3	123.7	178.1	7845.6
1987	166.8	12.8	179.6	383.6	13.8	397.4	9.6	0.1	1.1	8.6	585.6	3803.2	123.9	3927.1	3987.4	189.0	4176.4	239.1	47.0	113.5	172.6	8276.1
1988	182.6	17.6	200.2	386.0	20.4	406.4	7.8	+	2.0	5.8	612.4	3929.6	116.3	4045.9	4022.0	196.2	4218.2	244.8	40.5	144.4	140.9	8405.0
1989	187.3	26.3	213.6	338.2	54.0	392.2	6.0	0.6	11.6	-5.0	600.8	3912.0	182.2	4094.2	3994.8	192.4	4187.2	220.8	48.0	141.4	127.4	8408.8
1990	172.7	24.2	196.9	291.7	111.6	403.3	4.4	0.5	6.2	-1.3	598.9	3988.6	154.7	4143.3	3705.7	209.8	3915.5	260.1	54.5	135.3	179.3	8238.1

Continued on opposite page

TABLE 3:
U.S. MILL CONSUMPTION OF FIBER AND DOMESTIC CONSUMPTION OF PRODUCTS INCLUDING OTHER FIBERS *(CONTINUED)*

MILLION POUNDS & *PERCENT*

	MILL CONSUMPTION OF 4 FIBERS										DOMESTIC CONSUMPTION OF 4 FIBERS (CONS)=MILL CONSUMPTION+IMPORTS (IMP) LESS EXPORTS (EXP) OF SEMIMANUFACTURED & MANUFACTURED PRODUCTS												
	MANUFAC. FIBER		COTTON		WOOL		OTHER TOTAL		TOTAL		MANUFACTURED FIBER			COTTON			WOOL			OTHER FIBERS	TOTAL		
YEAR	LB	%	LB	%	LB	%	LB	%	LB	%	IMP	EXP	CONS	IMP	EXP	CONS	IMP	EXP	CONS	IMP	IMP	EXP	CONS
	(23)		(24)		(25)		(26)		(27)		(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)
1976	7374.9	*66.7*	3389.0	*30.6*	145.9	*1.3*	152.1	*1.4*	11061.9	*100.0*	479.5	352.2	7502.2	708.6	413.2	3684.4	66.7	13.9	198.7	1117.0	2371.8	779.3	12502.3
1977	8096.2	*70.1*	3169.8	*27.5*	133.9	*1.2*	144.6	*1.3*	11544.5	*100.0*	530.7	367.7	8259.2	669.4	369.5	3469.7	85.9	11.5	208.3	1071.4	2357.4	748.7	13008.6
1978	8341.0	*71.3*	3040.4	*26.0*	141.6	*1.2*	168.4	*1.4*	11691.4	*100.0*	642.6	441.7	9541.9	845.4	355.7	3530.1	92.2	11.6	222.2	1086.1	2666.3	809.0	13380.3
1979	8523.4	*71.7*	3066.4	*25.8*	134.1	*1.1*	167.9	*1.4*	11892.1	*100.0*	525.0	596.6	8451.8	746.1	478.0	3334.5	80.6	14.0	201.0	1021.9	2373.6	1088.6	13009.2
1980	7885.7	*70.3*	3064.4	*27.3*	137.8	*1.2*	127.1	*1.1*	11215.0	*100.0*	540.6	771.5	7654.8	810.9	523.1	3352.2	85.1	23.8	199.1	807.0	2243.6	1318.4	12013.1
1981	7721.5	*71.9*	2730.8	*25.4*	152.7	*1.4*	129.1	*1.2*	10734.1	*100.0*	639.1	637.7	7722.9	961.9	367.3	3325.4	93.1	11.8	234.0	794.7	2488.8	1016.8	12077.0
1982	6653.5	*70.8*	2478.9	*26.4*	129.5	*1.4*	130.0	*1.4*	9391.9	*100.0*	697.9	438.5	6912.9	897.2	253.4	3122.7	100.1	10.8	218.8	648.4	2343.6	702.7	10902.8
1983	7994.5	*72.3*	2795.7	*25.3*	162.5	*1.5*	106.5	*1.0*	11059.2	*100.0*	1069.4	460.7	8603.2	1135.4	219.6	3711.5	149.8	11.6	300.7	690.3	3044.9	691.9	13305.7
1984	7789.5	*72.7*	2668.2	*24.9*	163.2	*1.5*	95.7	*0.9*	10716.6	*100.0*	1342.6	487.9	8644.2	1465.6	204.6	3929.2	210.2	12.0	361.4	680.1	3698.5	704.5	13614.9
1985	8035.5	*72.6*	2796.0	*25.3*	134.7	*1.2*	103.6	*0.9*	11069.8	*100.0*	1491.0	499.1	9027.4	1629.2	213.2	4212.0	264.8	17.8	381.7	646.9	4031.9	730.1	14268.0
1986	8453.9	*70.3*	3301.7	*27.5*	164.5	*1.4*	103.3	*0.9*	12023.4	*100.0*	1703.0	519.3	9637.6	1910.5	274.8	4937.4	275.6	16.0	424.1	582.4	4471.5	810.1	15581.5
1987	8861.7	*68.9*	3736.5	*29.0*	167.6	*1.3*	104.8	*0.8*	12870.6	*100.0*	1805.4	591.9	10075.2	2335.7	298.0	5774.2	258.3	21.3	404.6	603.5	5002.9	911.2	16057.5
1988	9017.4	*70.9*	3470.1	*27.3*	156.1	*1.2*	83.8	*0.7*	12727.4	*100.0*	1735.7	684.6	10068.5	2118.8	330.2	5258.7	242.4	30.6	367.9	511.0	4607.9	1045.4	16206.1
1989	9009.6	*68.2*	3985.9	*30.1*	139.6	*1.1*	85.4	*0.6*	13220.5	*100.0*	*1820.0	*740.0	*10089.6	*2440.0	*360.0	*6065.9	*215.0	*33.0	*321.6	477.4	*4952.4	*1133.0	*16954.5
1990	8837.0	*67.5*	4036.5	*30.8*	135.4	*1.0*	80.0	*0.6*	13088.9	*100.0*	*1820.0	*820.0	*9837.0	*2490.0	*522.0	*6004.5	*206.0	*41.0	*300.4	551.2	*5067.2	*1383.0	*16693.1

NOTE Data on Glass Fiber are no longer available due to company disclosure. The series including Glass Fiber was last published in the March 1985 issue.

* PRELIMINARY ESTIMATES DERIVED FROM DEPARTMENT OF COMMERCE DATA.

SOURCES OF DATA, ARRANGED BY COLUMN NUMBER ( ):

1 & 4: March issue on page 52.
12 & 15: March issue on page 53.
7 & 18: March issue on page 56.
2: For 1976 - 1988: Import Classes 309.0310, .0610, .2000, 310.0106, .0130, .0206, .0230 & .0610.
For 1989 - 1990: Import Classes 5403.10.30.20, 5403.10.30.40, 5403.10.60.00, 5403.20.30.00, 5403.20.60.00, 5403.31.00.20 - 5403.39.00.40, 5403.41.10.00 - 5403.49.00.00, 5405.00.30.00 & 5405.00.60.00.
5: For 1976 - 1988: Import Classes 309.3010, .3310, .4320 & .4325.
For 1989 - 1990: Import Classes 5504.10.00.00, 5504.90.00.00, 5502.00.00.00 & 5507.00.00.00.
8: For 1976 - 1988: Import Classes 309.6615 & .7510.
For 1989 - 1990: Import Class 5[illegible]00.00.00.
9: For 1976 - 1988: Export Class 309.7[illegible]0.
For 1989 - 1990: Export Class 5505.20.00.00.
13: For 1976 - 1988: Import Classes 309.0200, .0330, .0340, .0365, .0500, .0630, .0640, .0665, .2100, .2500, 310.0107, .0108, .0110, .0114, .0149, .0150, .0170, .0207, .0208, .0210, .0214, .0249, .0250, .0270, .0550, .0630 & .0650.
For 1989 - 1990: Import Classes 5402.10.30.20, 5402.10.30.40, 5402.10.60.00, 5402.31.30.00, 5402.31.60.00, 5402.41.00.20, 5402.41.00.4 5402.51.00.00, 5402.61.00.00, 5404.10.20.20, 5402.20.30.20, 5402.20.30.40, 5402.20.60.00, 5402.33.30.00, 5402.33.60.00, 5402.42.00.00, 5402.43.00.20, 5402.43.00.40, 5402.52.00.00, 5402.62.00.00, 5404.10.20.40, 5402.39.30.00, 5402.39.30.10, 5402.39.30.90, 5402.39.60.00, 5402.39.60.10, 5402.39.60.90, 5402.49.00.10, 5402.49.00.30, 5402.49.00.60, 5402.49.00.80, 5402.59.00.00, 5402.69.00.00, 5404.10.10.00, 5404.10.20.90 & 5404.90.00.00.
16: For 1976 - 1988: Import Classes 309.3030, .3040, 3050, 3065, .3200, .3340, .3350, .3365, .4331, .4336, .4341, .4351, .4361, .4366, .4371 & .4390.
For 1989 - 1990: Import Classes 5503.10.00.00, 5503.20.00.00, 5503.30.00.00, 5503.40.00.00, 5503.90.00.00, 5501.10.00.00, 5501.20.00.00, 5501.30.00.00, 5501.90.00.00, 5506.10.00.00, 5506.20.00.00, 5506.30.00.00 & 5506.90.00.00.
19: For 1976 - 1988: Import Classes 309.6625, .6630, .6645, .6660, .7000 & .7525 - .7555.
For 1989 - 1990: Import Classes 5505.10.00.20, 5505.10.00.40 & 5505.10.00.60.
20: For 1976 - 1988: Export Classes 309.7620, .7630, .7640 & .7660.
For 1989 - 1990: Export Classes 5505.10.00.20, 5505.10.00.40 & 5505.10.00.60.
24: U.S. Census Bureau Report M22P.
25: U.S. Census Bureau Report M22D.
26: This issue page 67.
28, 29, 31, 32, 34 & 35: ***Cotton and Wool Outlook & Situation,*** U.S. Department of Agriculture.
37: This issue page 67.

CERTAIN TOTALS IN THE TABLES:
(Obvious totals such as Columns 1+2=3, 4+5=6, etc. are not described here.)
10: Columns 7+8-9
21: Columns 18+19-20
23: Columns 11+22
30: Columns 23+28-29
33: Columns 24+31-32
36: Columns 25+34-35
40: Columns 27+38-39-26

TABLE 4:
QUARTERLY U.S. IMPORTS, EXPORTS & BALANCE OF MANUFACTURED FIBER, COTTON & WOOL MANUFACTURES

MILLION POUNDS

PRODUCTS	1ST QUARTER 1989			2ND QUARTER 1989			3RD QUARTER 1989			4TH QUARTER 1989			1ST QUARTER 1990			2ND QUARTER 1990			3RD QUARTER 1990		
	IMP	EXP	BAL	IMP	EXP	BAL	IMP	EXP	BAL	IMP	EXP	BAL	IMP	EXP	BAL	IMP	EXP	BAL	IMP	EXP	BAL
ARTIFICIAL (CELLULOSIC) FIBERS																					
YARN+MONOFILAMENTS	6.3	1.4	(4.9)	5.9	0.3	(5.6)	7.3	1.5	(5.8)	6.8	1.1	(5.7)	5.3	0.8	(4.5)	6.2	0.9	(5.3)	6.5	0.9	(5.6)
STAPLE+TOW	15.1	6.0	(9.1)	13.3	4.6	(8.7)	12.4	6.0	(6.4)	13.2	3.5	(9.7)	18.9	5.6	(13.3)	23.9	4.6	(19.3)	35.4	3.7	(31.7)
WASTE	0.2	3.4	3.2	0.2	3.9	3.7	0.1	2.1	2.0	+	2.2	2.2	0	1.4	1.4	0.1	1.7	1.6	0.2	1.5	1.3
SUBTOTAL	**21.6**	**10.8**	**(10.8)**	**19.4**	**8.8**	**(10.6)**	**19.8**	**9.6**	**(10.2)**	**20.0**	**6.8**	**(13.2)**	**24.2**	**7.8**	**(16.4)**	**30.2**	**7.2**	**(23.0)**	**42.1**	**6.1**	**(36.0)**
SYNTHETIC (NONCELLULOSIC) FIBERS																					
YARN+MONOFILAMENTS	38.9	85.3	46.4	49.3	90.2	40.9	51.6	78.9	27.3	42.5	81.3	38.8	41.5	98.0	56.5	42.2	107.2	65.0	39.4	88.9	49.5
STAPLE+TOW	41.0	80.3	39.3	49.2	91.3	42.1	50.1	78.0	27.9	52.1	72.9	20.8	52.4	68.4	16.0	51.5	74.7	23.2	48.6	78.1	29.5
WASTE	9.2	38.1	28.9	10.3	38.5	28.2	12.6	34.6	22.0	15.9	30.1	14.2	15.3	33.2	17.9	13.8	33.1	19.3	12.4	34.3	21.9
SUBTOTAL	**89.1**	**203.7**	**114.6**	**108.8**	**220.0**	**111.2**	**114.3**	**191.5**	**77.2**	**110.5**	**184.3**	**73.8**	**109.2**	**199.6**	**90.4**	**107.5**	**215.0**	**107.5**	**100.4**	**201.3**	**100.9**
TOTAL FIBER ABOVE [a]	**110.7**	**214.5**	**103.8**	**128.2**	**228.8**	**100.6**	**134.1**	**201.1**	**67.0**	**130.5**	**191.1**	**60.6**	**133.4**	**207.4**	**74.0**	**137.7**	**222.2**	**84.5**	**142.5**	**207.4**	**64.9**
MANUFACTURED FIBER MANUFACTURES [b]																					
YARN, THREAD, CORDAGE & ROPE	28.5	48.8	20.3	33.2	46.9	13.7	34.6	42.5	7.9	29.1	45.0	15.9	29.9	54.2	24.3	31.4	59.8	28.4	29.9	52.3	22.4
CLOTH	45.2	43.0	(2.2)	48.4	45.5	(2.9)	47.5	41.7	(5.8)	47.1	42.3	(4.8)	48.6	55.2	6.6	53.4	55.8	2.4	56.3	49.1	(7.2)
WEARING APPAREL	232.6	29.6	(203.0)	282.8	35.2	(247.6)	379.0	33.5	(345.5)	268.9	30.2	(238.7)	257.4	32.1	(225.3)	276.0	36.0	(240.0)	363.8	36.6	(327.2)
INDUSTRIAL*	8.5	18.2	9.7	9.3	22.8	13.5	9.1	21.0	11.9	9.7	23.5	13.8	12.3	29.7	17.4	12.3	32.3	20.0	11.5	25.4	13.9
HOME FURNISHINGS*	15.7	2.3	(13.4)	17.9	2.8	(15.1)	23.4	3.4	(20.0)	20.5	2.8	(17.7)	20.7	3.3	(17.4)	16.2	11.5	(4.7)	20.4	4.4	(16.0)
ALL OTHER*	2.1	0.2	(1.9)	4.0	11.3	(2.6)	2.6	0.3	(2.3)	3.3	0.4	(2.9)	2.4	0.4	(2.0)	2.4	0.5	(1.9)	2.6	0.5	(2.1)
TOTAL MANUFACTURES	**332.6**	**142.1**	**(190.5)**	**394.5**	**153.5**	**(241.0)**	**496.2**	**142.4**	**(353.8)**	**378.6**	**144.2**	**(234.4)**	**371.3**	**174.9**	**(196.4)**	**391.7**	**195.9**	**(195.8)**	**484.5**	**168.3**	**(316.2)**
TOTAL MANUFACTURED FIBER & MANUFACTURES	**443.3**	**356.6**	**(86.7)**	**522.7**	**382.3**	**(140.4)**	**630.3**	**343.5**	**(286.8)**	**509.1**	**335.3**	**(173.8)**	**504.7**	**382.3**	**(122.4)**	**529.4**	**418.1**	**(111.3)**	**627.0**	**375.7**	**(251.3)**
COTTON MANUFACTURES [c]	**506.1**	**94.4**	**(411.7)**	**501.9**	**102.6**	**(399.3)**	**629.8**	**101.0**	**(528.8)**	**581.8**	**106.2**	**(475.6)**	**579.2**	**126.0**	**(453.2)**	**538.8**	**138.1**	**(400.7)**	**635.8**	**127.4**	**(508.4)**
WOOL MANUFACTURES [d]	**20.8**	**7.0**	**(13.8)**	**36.3**	**9.7**	**(26.6)**	**62.5**	**7.9**	**(54.6)**	**31.0**	**7.7**	**(23.3)**	**21.1**	**8.5**	**(12.6)**	**32.0**	**11.9**	**(20.1)**	**57.5**	**10.1**	**(47.4)**

ALL DATA ARE PRELIMINARY.

SOURCE: The maufactured fiber import and export data are from the U.S.Census Bureau Reports IM146 and EM146. The manufactured, cotton and wool manufactures data are from U.S. Department of Agriculture, ***Cotton and Wool Outlook & Situation***. The total manufactured fiber and manufactures import, export and balance data of this table cover the artificial (cellulosic) and synthetic (noncellulosic) fibers only. Glass fiber is excluded.

* Incomplete data in view of Harmonized System conversion still being completed by U.S. Department of Agriculture.

( ) Trade deficit.

a. The fibers included are shown as "Total Manufactured Fibers Above" on pages 34 and 35 of the February 1991 ***Fiber Organon.***

b. Manufactured fiber equivalent.

c. Raw cotton equivalent. Data are similar to those on pages 28 and 29 of the February 1991 ***Fiber Organon.***

d. Raw wool content. The data are similar to those on pages 30 and 31 of the February 1991 ***Fiber Organon.***

THIS TABLE IS BASED ON A STUDY PUBLISHED BY THE U.S. DEPARTMENT OF AGRICULTURE, BASED ON THE HARMONIZED SYSTEM. THERE IS NO COMPARISON WITH PREVIOUS SERIES FOR PRIOR YEARS.

TABLE 5:
SELECTED U.S. MANUFACTURED FIBER IMPORTS BY COUNTRY OF ORIGIN
THOUSAND POUNDS

ITEMS & COUNTRY	1991 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE 1991	1990
ARTIFICIAL (CELLULOSIC) YARN, MONOFIL & STRIPS														
AUSTRIA	123	0											123	70
BRAZIL	109	164											273	79
CANADA	775	408											1183	931
CHILE	44	22											66	309
WEST GERMANY	478	633											1111	938
IRELAND	0	0											0	145
JAPAN	111	134											245	176
MEXICO	150	39											189	106
NETHERLANDS	263	188											451	546
UNITED KINGDOM	86	0											86	56
ALL OTHER COUNTRIES [a]	18	56											74	99
TOTAL ARTIFICIAL YARN	**2157**	**1644**											**3801**	**3455**
ARTIFICIAL (CELLULOSIC) STAPLE+TOW+TOPS														
AUSTRIA	1339	1371											2710	812
CANADA	3228	2840											6068	8827
FINLAND	309	197											506	65
WEST GERMANY	515	46											561	223
JAPAN	84	227											311	347
SPAIN	0	0											0	0
TAIWAN	1336	1268											2604	1342
THAILAND	763	1317											2080	66
UNITED KINGDOM	815	438											1253	182
YUGOSLAVIA	584	29											613	0
ALL OTHER COUNTRIES [b]	544	206											750	534
TOTAL ARTIFICIAL STAPLE+TOW	**9517**	**7939**											**17456**	**12398**
SYNTHETIC (NONCELLULOSIC) YARN, MONOFIL & STRIPS														
BELGIUM	145	40											185	898
BRAZIL	0	0											0	141
CANADA	2157	3524											5681	6729
COSTA RICA	697	426											1123	1279
ECUADOR	0	34											34	69
FRANCE	275	434											709	3312
WEST GERMANY	1471	1324											2795	4117
IRELAND	107	175											282	39
ITALY	89	106											195	1326
JAPAN	504	341											845	1418
KOREA, REP. OF	90	51											141	31
MEXICO	1403	1656											3059	2293
NETHERLANDS	187	200											387	408
PORTUGAL	0	0											0	296
SPAIN	0	0											0	116
TAIWAN	89	91											180	1018
THAILAND	61	67											128	151
UNITED KINGDOM	1674	1350											3024	3373
ALL OTHER COUNTRIES [c]	99	246											345	313
TOTAL SYNTHETIC YARN	**9048**	**10065**											**19113**	**27327**
SYNTHETIC (NONCELLULOSIC) STAPLE+TOW+TOPS														
AUSTRIA	5	25											4(	53
AUSTRALIA	75	143											218	158
BELGIUM	4	0											4	17
BRAZIL	0	110											110	0
CANADA	1378	1146											2524	6142
FRANCE	544	417											961	889
WEST GERMANY	1136	1400											2536	2253
INDIA	3008	3879											6887	2786
IRELAND	0	0											0	26
ITALY	176	47											223	740
JAPAN	2386	2197											4583	3517
KOREA, REP. OF	4958	6473											11431	3059
MEXICO	1957	1575											3532	5631
SPAIN	14	22											36	35
SWITZERLAND	117	285											402	523
TAIWAN	3102	1918											5020	1460
TURKEY	0	0											0	226
UNITED KINGDOM	1848	1395											3243	4117
ALL OTHER COUNTRIES [d]	133	182											315	876
TOTAL SYNTHETIC STAPLE+TOW	**20851**	**21214**											**42065**	**32508**

a. India 26, Belgium 24, France 15, Spain 7, Taiwan 2.

b. China, PRC 321, Sweden 261, Poland 149, USSR 18, Italy 1.

c. Israel 215, Singapore 32, Colombia 28, El Salvador 25, Sweden 17, Hong Kong 14, Australia 4, Switzerland 4, Austria 3, Denmark 3.

d. Malaysia 95, Netherlands 59, Romania 57, Israel 54, Hong Kong 44, China, PRC 5, Denmark 1.

TABLE 6:
U.S. MANUFACTURED FIBER IMPORTS[a]
THOUSAND POUNDS

ITEM	1991 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE 1991	1990
ARTIFICIAL (CELLULOSIC) FIBER														
FILAMENT YARN														
HIGH TENACITY	311	129											440	450
TEXTURED	0	0											0	62
OTHER	1845	1514											3359	2756
MONOFILAMENTS & STRIPS	1	1											2	187
SUBTOTAL ABOVE	**2157**	**1644**											**3801**	**3455**
STAPLE	8891	7889											16780	11873
TOW	626	50											676	522
TOPS	0	0											0	3
SUBTOTAL ABOVE	**9517**	**7939**											**17456**	**12398**
WASTE	**87**	**129**											**216**	**0**
SYNTHETIC (NONCELLULOSIC) FIBERS														
FILAMENT YARN														
NYLON														
HIGH TENACITY	1173	2391											3564	2291
TEXTURED														
UP TO 450 DENIER	198	350											548	603
OVER 450 DENIER	1197	1786											2983	4286
POY	2103	1563											3666	0
OTHER	81	72											153	8348
MONOFILAMENTS & STRIPS	150	72											222	333
SUBTOTAL ABOVE	**4902**	**6234**											**11136**	**15861**
POLYESTER														
HIGH TENACITY	785	708											1493	1022
TEXTURED	833	810											1643	1428
POY	207	172											379	838
OTHER	1548	1439											2987	3495
MONOFILAMENTS & STRIPS	41	31											72	53
SUBTOTAL ABOVE	**3414**	**3160**											**6574**	**6836**
OTHER SYNTHETIC FILAMENT														
TEXTURED	0	0											0	2859
OTHER	200	101											301	500
MONOFILAMENTS & STRIPS	532	570											1102	1271
SUBTOTAL ABOVE	**732**	**671**											**1403**	**4630**
STAPLE														
NYLON	1879	1788											3667	7085
POLYESTER	14049	15468											29517	15074
ACRYLIC	853	804											1657	3440
POLYPROPYLENE	134	305											439	580
OTHER	276	229											505	386
TOW														
NYLON	591	386											977	717
POLYESTER	35	272											307	85
ACRYLIC	2869	1898											4767	4485
OTHER	16	59											75	75
TOPS	149	5											154	581
SUBTOTAL ABOVE	**20851**	**21214**											**42065**	**32508**
WASTE														
NYLON	2030	1483											3513	4768
POLYESTER	2217	1032											3249	4944
OTHER	309	381											690	1015
TOTAL MANUFACTURED FIBERS ABOVE	**46216**	**43887**											**90103**	**86415**
OTHER MFRD. FIBER YARN & THREAD														
SEWING THREAD														
FILAMENT	49	163											212	175
SPUN YARN	579	341											920	931
SPUN YARNS														
SYNTHETIC	431	843											1274	4591
ARTIFICIAL	0	0											0	0
PUT UP FOR RETAIL SALE	67	66											133	4
GRAND TOTAL ABOVE	**47342**	**45300**											**92642**	**92116**

SOURCE: U.S. Census Bureau Report IM145X.

a. U.S. General Imports.

TABLE 7:
U.S. MANUFACTURED FIBER EXPORTS
THOUSAND POUNDS

ITEM	1991 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE 1991	1990
ARTIFICIAL (CELLULOSIC) FIBER														
FILAMENT YARN														
HIGH TENACITY	134	284											418	129
TEXTURED	65	44											109	226
OTHER	45	114											159	172
MONOFILAMENTS & STRIPS	2	8											10	97
SUBTOTAL ABOVE	**246**	**450**											**696**	**624**
STAPLE	970	779											1749	3246
TOPS	0	0											0	333
SUBTOTAL ABOVE	**970**	**779**											**1749**	**3579**
WASTE	**527**	**666**											**1193**	**737**
SYNTHETIC (NONCELLULOSIC) FIBERS														
FILAMENT YARN														
NYLON														
HIGH TENACITY	8070	7887											15957	15114
TEXTURED														
UP TO 450 DENIER	1068	886											1954	2159
OVER 450 DENIER	4023	4917											8940	9989
POY	61	102											163	0
OTHER	3060	2769											5829	4901
MONOFILAMENTS & STRIPS	34	57											91	40
SUBTOTAL ABOVE	**16316**	**16618**											**32934**	**32203**
POLYESTER														
HIGH TENACITY	5640	5735											11375	9474
TEXTURED	5014	4345											9359	6095
POY	657	685											1342	4199
OTHER	2391	1711											4102	3043
MONOFILAMENTS & STRIPS	138	80											218	470
SUBTOTAL ABOVE	**13840**	**12556**											**26396**	**23281**
OTHER SYNTHETIC FILAMENT														
TEXTURED	603	627											1230	1058
OTHER	1642	348											1990	4042
MONOFILAMENTS & STRIPS	1050	859											1909	1789
SUBTOTAL ABOVE	**3295**	**1834**											**5129**	**6889**
STAPLE														
NYLON	2146	2453											4599	5928
POLYESTER	6379	8388											14767	13562
ACRYLIC	2431	1826											4257	7762
POLYPROPYLENE	3302	1817											5119	3599
OTHER	1489	1074											2563	3611
TOW														
NYLON	253	150											403	297
POLYESTER	58	1											59	82
ACRYLIC	1511	1278											2789	3497
OTHER	14	1											15	38
TOPS	11009	5452											16461	6713
SUBTOTAL ABOVE	**28592**	**22440**											**51032**	**45089**
WASTE														
NYLON	2788	2965											5753	8367
POLYESTER	2989	5530											8519	6113
OTHER	6305	6811											13116	7043
TOTAL MANUFACTURED FIBERS ABOVE	**75868**	**70649**											**146517**	**133925**
OTHER MFRD. FIBER YARN & THREAD														
SEWING THREAD														
FILAMENT	34	16											50	73
SPUN YARN	0	0											0	0
SPUN YARNS														
SYNTHETIC	784	1028											1812	7311
ARTIFICIAL	29	64											93	0
PUT UP FOR RETAIL SALE	1459	1359											2818	685
GRAND TOTAL ABOVE	**78174**	**73116**											**151290**	**141994**

SOURCE: U.S. Census Bureau Report EM522

TABLE 8:
SELECTED U.S. MONTHLY FIBER DATA

MILLION POUNDS

ITEM	1991 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE[a] 1991	1990
	MANUFACTURED FIBER TOTAL SHIPMENTS[b,c]													
ARTIFICIAL (CELLULOSIC)														
YARN	14.8	16.4	16.2										47.4	47.9
RAYON STAPLE	20.4	16.2	22.1										58.7	81.7
TOTAL ARTIFICIAL (CELLULOSIC)	35.2	32.6	38.3										106.1	129.6
SYNTHETIC (NONCELLULOSIC)														
YARN+MONOFILAMENTS														
NYLON - INDUSTRIAL[d]	29.2	28.1	26.5										83.8	83.6
- CARPET	69.4	54.5	63.8										187.7	249.8
- TEXTILE [e]	34.4	30.2	28.7										93.3	87.0
POLYESTER - INDUSTRIAL[d]	24.9	26.9	26.4										78.2	87.6
- TEXTILE[f]	67.9	61.5	64.4										193.8	170.8
OLEFIN[e]	109.2	110.1	115.0										334.3	340.4
TOTAL YARN	335.0	311.3	324.8										971.1	1019.2
STAPLE+TOW+FIBERFILL														
NYLON	66.8	54.7	64.1										185.6	249.7
ACRYLIC+MODACRYLIC	36.5	34.8	35.5										106.8	123.3
POLYESTER	168.7	159.6	166.1										494.4	517.9
OLEFIN	38.3	34.5	38.1										110.9	100.0
TOTAL STAPLE	310.3	283.6	303.8										897.7	990.9
TOTAL SYNTHETIC (NONCELLULOSIC)	645.3	594.9	628.6										1868.8	2010.1
TOTAL MANUFACTURED FIBER	680.5	627.5	666.9										1974.9	2139.7
	MANUFACTURED FIBER END-OF-MONTH STOCK													
ARTIFICIAL (CELLULOSIC)														
YARN	10.2	9.6	10.0										10.0	8.8
RAYON STAPLE	22.4	27.3	26.0										26.0	14.0
TOTAL ARTIFICIAL (CELLULOSIC)	32.6	36.9	36.0										36.0	22.8
SYNTHETIC (NONCELLULOSIC)														
YARN+MONOFILAMENTS														
NYLON - INDUSTRIAL[d]	25.0	23.9	24.7										24.7	33.4
- CARPET	72.0	80.6	77.6										77.6	62.6
- TEXTILE[f]	46.2	46.2	45.1										45.1	64.3
POLYESTER - INDUSTRIAL[d]	40.1	43.0	41.8										41.8	39.5
- TEXTILE[f]	86.4	93.4	93.9										93.9	109.9
OLEFIN[e]	61.5	59.8	60.4										60.4	65.4
TOTAL YARN	331.2	346.9	343.5										343.5	375.1
STAPLE+TOW+FIBERFILL														
NYLON	71.0	81.6	79.7										79.7	37.1
ACRYLIC+MODACRYLIC	73.4	72.4	67.9										67.9	72.8
POLYESTER	192.7	189.5	192.0										192.0	192.9
OLEFIN	29.8	30.0	31.5										31.5	31.5
TOTAL STAPLE	366.9	373.5	371.1										371.1	334.3
TOTAL SYNTHETIC (NONCELLULOSIC)	698.1	720.4	714.6										714.6	709.4
TOTAL MANUFACTURED FIBER	730.7	757.3	750.6										750.6	732.2

	COTTON & WOOL CONSUMPTION[g] 1ST QUARTER	2ND QUARTER	3RD QUARTER	4TH QUARTER
RAW COTTON				
APPAREL CLASS WOOL				
CARPET CLASS WOOL				
TOTAL RAW WOOL				

a. "Year to date" totals for stock are the latest month's figures.
b. The monthly production of each fiber may be calculated as total shipments plus a stock increase, or less a stock decrease, over the month.
c. Producers' total domestic shipments plus export shipments.
d. Industrial is defined as 500 denier and coarser with an Instron tenacity of 7 grams or more per denier.
e. Olefin yarn+monofilaments also includes spunbonded polypropylene and film fiber produced for textile end uses.
f. Includes low denier industrial yarn.
g. **Cotton and Wool data for 1991 available on a quarterly basis only.**

MANUFACTURED FIBER REVIEW

A four-page *monthly* REVIEW with *up-to-the-minute* data for those who need the *very latest* industry figures *quickly.*

Data for the REVIEW are analyzed and published *3 to 4 days* after they are released.

The REVIEW details U.S. manufactured fiber production, shipments and stocks, and expands on certain items published in the **FIBER ORGANON**. It also contains a monthly summary of industry activities. Looking for trends? Manufactured fiber data, published in the REVIEW, may provide a good *early indicator* of trends likely to take place in the textile and apparel industries.

PRICE: $350.00 (per year)

I would like to subscribe to the:

☐ Manufactured Fiber Review $350.00 (per year)

Enclosed is my check in the amount of $_____

Make all checks payable in U.S. dollars to Fiber Economics Bureau, Inc.

NAME _____ TITLE _____

COMPANY _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

FIBER ECONOMICS BUREAU, INC
101 EISENHOWER PARKWAY
ROSELAND, NJ 07068
(201) 228-1107
FAX# (201) 228-7598

FOLD HERE

FROM: _____

_____

_____

_____

PLACE STAMP HERE

FIBER ECONOMICS BUREAU, INC.
101 EISENHOWER PARKWAY
ROSELAND, NJ 07068

FOLD HERE

Manufactured FIBER REVIEW

A Monthly Summary of Fiber Production Information

Formerly The Man-Made Fiber Review

Vol. 9, No. 5 May 1990

HIGHLIGHTS

In April, production of synthetic (noncellulosic) fibers (except aramid, saran and spandex) totaled 731.2 million pounds, 6.7% above the 685.5 million pounds produced in March. Filament yarn production rose 0.9% to 356.6 million pounds and staple+tow rose 12.8% to 374.6 million pounds.

Shipments of synthetic (noncellulosic) fibers (except aramid, saran and spandex) rose in April to 701.4 million pounds, up 2.8% from the 682.3 million pounds shipped in March. Deliveries of filament yarn rose 4.6% to 360.5 million pounds and shipments of staple+tow rose 0.9% to 340.9 million pounds.

April producer exports of polyester staple+tow fell 1.9% to 5.4 million pounds and exports of acrylic+modacrylic staple+tow fell to 8.2 million pounds, down 9.9%. For April 1990, producer exports of polyester staple+tow were 31.6% below the 7.9 million pounds exported in April 1989.

As of the end of April, stocks of synthetic (noncellulosic) fibers rose to 739.8 million pounds, up 4.2% from 710.0 million pounds in March. Stocks of staple+tow rose 10.1% and stocks of filament yarn fell 1.0%.

MANUFACTURED FIBER PRODUCTION DATA

MILLION POUNDS & *PERCENT CHANGE*

ITEM	1990 APR	1990 MAR	% CHG 4-90/3-90	1989 APR	% CHG 4-90/4-89	YEAR TO DATE 1990	YEAR TO DATE 1989	% CHG 1990/1989
ARTIFICIAL (CELLULOSIC)								
YARN	18.4	16.3	*+12.9*	20.6	*-10.7*	65.2	73.3	*-11.1*
RAYON STAPLE	28.4	23.1	*+22.9*	32.2	*-11.8*	101.7	133.0	*-23.5*
TOTAL ARTIFICIAL (CELLULOSIC) FIBER	46.8	39.4	*+18.8*	52.8	*-11.4*	166.9	206.3	*-19.1*
SYNTHETIC (NONCELLULOSIC)								
YARN								
NYLON - INDUSTRIAL	31.0	28.1	*+10.3*	32.8	*-5.5*	116.9	127.3	*-8.2*
- CARPET	85.8	83.6	*+2.6*	83.4	*+2.9*	334.4	323.0	*+3.5*
- TEXTILE [a]	31.2	34.3	*-9.0*	35.2	*-11.4*	125.0	138.0	*-9.4*
POLYESTER - INDUSTRIAL	32.3	30.7	*+5.2*	33.2	*-2.7*	122.6	118.0	*+3.9*
- TEXTILE [a]	66.3	63.0	*+5.2*	81.5	*-18.7*	238.1	311.1	*-23.5*
OLEFIN	110.0	113.7	*-3.3*	103.9	*+5.9*	443.1	417.7	*+6.1*
TOTAL YARN	356.6	353.4	*+0.9*	370.0	*-3.6*	1380.1	1435.1	*-3.8*
STAPLE+TOW+FIBERFILL								
NYLON	92.2	82.6	*+11.6*	82.9	*+11.2*	329.2	335.8	*-2.0*
ACRYLIC+MODACRYLIC	42.2	45.1	*-6.4*	47.5	*-11.2*	171.8	191.8	*-10.4*
POLYESTER	206.7	171.0	*+20.9*	220.2	*-6.1*	727.5	829.6	*-12.3*
OLEFIN	33.5	33.4	*+0.3*	32.9	*+1.8*	130.4	130.0	*+0.3*
TOTAL STAPLE	374.6	332.1	*+12.8*	383.5	*-2.3*	1358.9	1487.2	*-8.6*
TOTAL SYNTHETIC (NONCELLULOSIC) FIBER	731.2	685.5	*+6.7*	753.5	*-3.0*	2739.0	2922.3	*-6.3*
TOTAL MANUFACTURED FIBER	778.0	724.9	*+7.3*	806.3	*-3.5*	2905.9	3128.6	*-7.1*

– No Change.

a. Includes low denier industrial nylon and polyester yarn.

A publication of
Fiber Economics Bureau, Inc.
Formerly *Textile Economics Bureau, Inc.*
101 Eisenhower Parkway
Roseland, NJ 07068
Telephone (201) 228-1107
FAX (201) 228-7598

ISSN 8755-3309
Subscription:
$350.00 per year

©Fiber Economics Bureau, Inc. 1990

SYNTHETIC (NONCELLULOSIC) YARN+MONOFILAMENTS
PRODUCTION, SHIPMENTS & STOCK
MONTHLY 1990
MILLION POUNDS

ITEM	1990 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE 1990	1989
NYLON														
INDUSTRIAL[a]														
Domestic Shipments-Tires	9.0	13.7	11.0	11.1									44.8	51.4
-Other	9.2	9.0	9.8	10.1									38.1	36.1
Export	6.7	7.6	7.6	7.2									29.1	39.2
Ending Stock	36.8	33.7	33.4	36.0									36.0	22.9
CARPET														
Domestic Shipments	83.8	77.1	78.7	82.6									322.2	299.9
Export	2.7	4.0	3.5	2.8									13.0	11.7
Ending Stock	60.5	61.2	62.6	63.0									63.0	68.7
TEXTILE[c]														
Domestic Shipments	27.2	26.3	27.7	30.2									111.4	130.9
Export	1.7	1.9	2.2	1.8									7.6	5.8
Ending Stock	57.0	59.9	64.3	63.5									63.5	47.0
TOTAL NYLON ABOVE														
PRODUCTION	**142.2**	**140.1**	**146.0**	**148.0**									**576.3**	**588.3**
Domestic Shipments	129.2	126.1	127.2	134.0									516.5	518.3
Export	11.1	13.5	13.3	11.8									49.7	56.7
TOTAL SHIPMENTS	**140.3**	**139.6**	**140.5**	**145.8**									**566.2**	**575.0**
ENDING STOCK	**154.3**	**154.8**	**160.3**	**162.5**									**162.5**	**138.6**
POLYESTER														
INDUSTRIAL[a]														
Domestic Shipments-Tires	12.9	*14.2	13.8	13.7									*54.6	58.6
-Other	11.7	*11.0	13.7	14.8									*51.2	49.0
Export	2.6	3.4	4.3	4.1									14.4	13.8
Ending Stock	39.3	40.6	39.5	39.2									39.2	31.6
TEXTILE[c]														
Domestic Shipments by Denier														
40+50 (55 & Finer)	1.7	2.4	2.3	2.8									9.2	11.9
70 (56-89)	8.3	8.0	9.0	10.9									36.2	44.2
100 (90-109)	2.8	2.4	2.9	3.2									11.3	16.4
120 (110-129) & 135 (130-144)	0.7	1.0	1.0	1.2									3.9	4.6
150 (145-179)	35.0	33.8	34.3	40.4									143.5	184.8
200 (180 & Coarser)	6.0	6.9	5.9	7.4									26.2	27.9
Total Textile Domestic	54.5	54.5	55.4	65.9									230.3	289.8
Domestic Shipments also Divided as														
Textured Yarn	41.8	41.2	40.2	49.7									172.9	223.1
Flat Yarn	12.7	13.3	15.2	16.2									57.4	66.7
Export - Poy	1.6	1.1	2.2	3.2									8.1	5.6
Export - Flat	0.5	0.6	0.4	0.7									2.2	1.5
Ending Stock	94.5	104.9	109.9	106.4									106.4	85.1
TOTAL POLYESTER ABOVE														
PRODUCTION	**71.9**	***96.5**	**93.7**	**98.6**									***360.7**	**429.1**
Domestic Shipments	79.1	*79.7	82.9	94.4									*336.1	397.4
of Which Indirect Exports	*3.4*	*4.1*	*5.2*	*4.6*									*17.3*	*12.8*
Export	4.7	5.1	6.9	8.0									24.7	21.0
TOTAL SHIPMENTS	**83.8**	***84.8**	**89.8**	**102.4**									***360.8**	**418.4**
ENDING STOCK	**133.8**	**145.5**	**149.4**	**145.6**									**145.6**	**116.7**
OLEFIN														
PRODUCTION	***106.5**	***112.4**	***113.5**	**110.0**									***442.4**	**417.7**
Shipments														
Filament Yarn	27.4	34.5	33.7	32.5									128.1	97.0
Film Fiber & Other	*77.1	*79.4	*80.4	79.8									*316.7	320.3
TOTAL SHIPMENTS	***104.5**	***113.9**	***114.1**	**112.3**									***444.6**	**417.3**
ENDING STOCK	**68.1**	**66.6**	**66.0**	**63.7**									**63.7**	**57.8**
TOTAL ABOVE[b]														
PRODUCTION	***320.6**	***349.0**	***353.2**	**356.6**									***1379.4**	**1435.1**
DOMESTIC SHIPMENTS[d]	*312.8	*319.7	*324.2	340.7									*1297.4	1333.0
EXPORTS[e]	15.8	18.6	20.2	19.8									74.4	77.7
TOTAL SHIPMENTS	***328.6**	***338.3**	***344.4**	**360.5**									***1371.8**	**1410.7**
ENDING STOCK	**356.2**	**366.9**	**375.7**	**371.8**									**371.8**	**313.1**

See footnotes opposite.

SYNTHETIC (NONCELLULOSIC) STAPLE+TOW+FIBERFILL
PRODUCTION, SHIPMENTS & STOCK
MONTHLY 1990
MILLION POUNDS

ITEM	1990 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE 1990	1989
NYLON														
PRODUCTION - TOTAL	**79.1**	**75.3**	**82.6**	**92.2**									**329.2**	**335.8**
Domestic Shipments by Denier														
Less than 10	7.7	7.4	6.7	7.6									29.4	32.4
10, Less than 15	2.0	1.0	2.8	1.3									7.1	10.2
15, Less than 20	70.6	59.0	67.4	67.8									264.8	252.7
20 & Coarser	6.1	5.0	6.9	5.7									23.7	21.8
Total Domestic Shipments	86.4	72.4	83.8	82.4									325.0	317.1
Export	2.4	2.5	2.2	2.6									9.7	8.8
TOTAL SHIPMENTS	**88.8**	**74.9**	**86.0**	**85.0**									**334.7**	**325.9**
ENDING STOCK	**40.1**	**40.5**	**37.1**	**44.3**									**44.3**	**57.5**
ACRYLIC+MODACRYLIC														
PRODUCTION - TOTAL	**43.4**	**41.1**	**45.1**	**42.2**									**171.8**	**191.8**
Domestic Shipments by Denier														
Less than 4	23.3	24.5	25.7	23.8									97.3	115.9
4 & Coarser	8.7	8.2	8.4	7.7									33.0	35.1
Total Domestic Shipments	32.0	32.7	34.1	31.5									130.3	151.0
Export	8.4	7.0	9.1	8.2									32.7	34.7
TOTAL SHIPMENTS	**40.4**	**39.7**	**43.2**	**39.7**									**163.0**	**185.7**
ENDING STOCK	**69.5**	**70.9**	**72.8**	**75.3**									**75.3**	**67.3**
POLYESTER														
PRODUCTION - TOTAL	**172.5**	**177.3**	**171.0**	**206.7**									**727.5**	**829.6**
Domestic Shipments by Denier														
Fiberfill	24.4	25.4	25.8	32.3									107.9	124.5
Less than 1.3	60.1	59.5	56.3	62.0									237.9	250.7
1.3, Less than 2.5	46.5	47.0	48.8	50.9									193.2	219.1
2.5, Less than 5.5	6.5	7.2	6.9	8.2									28.8	51.6
5.5, Less than 10	6.1	7.0	8.0	5.5									26.6	30.5
10 & Coarser	21.0	24.1	21.9	17.4									84.4	105.4
Total Domestic Shipments	164.6	170.2	167.7	176.3									678.8	781.8
Domestic Shipments also Divided as														
Carpet	15.0	18.3	14.7	13.5									61.5	*81.5
Nonwoven	21.3	20.6	21.6	21.9									85.4	*700.3
Other	128.3	131.3	131.4	140.9									531.9	
Export	4.3	5.5	5.5	5.4									20.7	42.8
TOTAL SHIPMENTS	**168.9**	**175.7**	**173.2**	**181.7**									**699.5**	**824.6**
ENDING STOCK	**193.5**	**195.1**	**192.9**	**217.9**									**217.9**	**164.4**
OLEFIN														
PRODUCTION	**30.3**	**33.2**	**33.4**	**33.5**									**130.4**	**130.0**
SHIPMENTS	**30.3**	**34.4**	**35.3**	**34.5**									**134.5**	**126.1**
ENDING STOCK	**34.6**	**33.4**	**31.5**	**30.5**									**30.5**	**34.3**
TOTAL ABOVE														
PRODUCTION	**325.3**	**326.9**	**332.1**	**374.6**									**1358.9**	**1487.2**
DOMESTIC SHIPMENTS [d]	313.3	309.7	320.9	324.7									1268.6	1376.0
EXPORTS [e]	15.1	15.0	16.8	16.2									63.1	86.3
TOTAL SHIPMENTS	**328.4**	**324.7**	**337.7**	**340.9**									**1331.7**	**1462.3**
ENDING STOCK	**337.7**	**339.9**	**334.3**	**368.0**									**368.0**	**323.5**

*. Revised.
■. Industrial is defined as 500 denier and coarser with an Instron tenacity of 7 grams or more per denier.
b. Does not include saran or spandex.
c. Low denier industrial included with Textile.
d. Includes olefin exports.
e. Excludes olefin exports.

ARTIFICIAL (CELLULOSIC) YARN & STAPLE+TOW PRODUCTION, SHIPMENTS & STOCK

MONTHLY 1990

MILLION POUNDS

ITEM	1990 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE 1990	1989
					YARN+MONOFILAMENTS									
ARTIFICIAL (CELLULOSIC) YARN														
PRODUCTION	**14.9**	**15.6**	**16.3**	**18.4**									**65.2**	**73.3**
SHIPMENTS-Domestic	12.9	12.9	*14.3	16.1									56.2	64.4
-Export	2.2	2.5	*3.1	2.0									9.8	9.9
-TOTAL	**15.1**	**15.4**	**17.4**	**18.1**									**66.0**	**74.3**
ENDING STOCK	**9.7**	**9.9**	**8.8**	**9.1**									**9.1**	**10.4**
INCLUDES ACETATE AND RAYON YARN+MONOFILAMENT.														
					STAPLE+TOW									
RAYON														
PRODUCTION	**27.9**	**22.3**	**23.1**	**28.4**									**101.7**	**133.0**
SHIPMENTS-Domestic	28.9	23.8	24.9	26.5									104.1	129.6
-Export	1.2	1.5	1.4	1.7									5.8	4.9
-TOTAL	**30.1**	**25.3**	**26.3**	**28.2**									**109.9**	**134.5**
ENDING STOCK	**20.2**	**17.2**	**14.0**	**14.2**									**14.2**	**12.5**

ESTIMATED U.S. MILL CONSUMPTION

MILLION POUNDS

ITEM	1990 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE 1990	1989
ARTIFICIAL (CELLULOSIC)														
YARN	15	15											30	34
STAPLE	36	31											67	77
TOTAL ARTIFICIAL (CELLULOSIC)	51	46											97	111
SYNTHETIC (NONCELLULOSIC)														
YARN	329	331											660	678
STAPLE	350	340											690	721
TOTAL SYNTHETIC (NONCELLULOSIC)	679	671											1350	1399
TOTAL MANUFACTURED FIBER [a]	730	717											1447	1510
COTTON	317	332											649	603
WOOL	11	10											21	27
TOTAL FIBER	1058	1059											2117	2140
% OF MILL CONSUMPTION														
MANUFACTURED FIBER	*69*	*68*											*68*	*71*
COTTON	*30*	*31*											*31*	*28*
WOOL	*1*	*1*											*1*	*1*

a. Excludes glass fiber, acetate cigarette tow and Aramid.